

ABSTRACT

A method of manufacturing a cylindrical body, comprising the step of forming the cylindrical body (W2) by bending a plate-like work (W1) having first projected part (7a) to fourth projected part (7d) at four corned parts and allowing the end faces (1, 2) thereof to abut on each other, wherein the main surface (3) of the cylindrical body on the side where sags (6a, 6b) are present is formed in an outer peripheral wall surface and the rear surface (4) thereof on the side where the burrs (5a, 5b) are present is formed in an inner peripheral wall surface, and a first projected part (8) is formed of the first projected part (7a) and the third projected part (7c) and a second projected part (9) is formed of the second projected part (7b) and the fourth projected part (7d). After the cylindrical body (W2) is held by friction stir welding devices (20, 120), the probe (104) of a friction stir welding tool (100) is buried from the direction of either of the first projected part (8) and the second projected part (9), and scanned in the direction of the other of the second projected part (9) and the first projected part (8). The probe (104) is buried and scanned in the state of being displaced to an advancing side.